

## **Specifications for Structural Concrete**

Project Specifications are one of the most overlooked items on a construction project. Most members of the Project Team do not review the Project Specifications in detail until there is a problem; as problems emerge, the Project Specifications become critical. ACI 301, *Specifications for Structural Concrete* is one of the most referenced specifications and is included in most Project Specifications. ACI 301 underwent a major revision in 2010 to include specification requirements for all structural elements designed in accordance with ACI 318 *Building Code Requirements for Structural Concrete* and ACI 349 *Code Requirements for Nuclear Safety Related Concrete Structures*. This seminar will discuss the need for the Architect/Engineer to develop precise and realistic specifications for the project and for the contractor to thoroughly review and plan to construct the project in accordance with the project specifications.

Listed below are some specific topics that will be presented:

- How to affectively reference ACI 301 in the Project Specifications?
- The purpose of default requirements and how they can have a major impact on the project?
- When ACI 318 or ACI 349 should be referenced, as well as, when they should not be referenced in the project specifications
- When should guide, state of art, or other documents that are written in mandatory language be referenced in the project specifications?
- Review of major modifications to ACI 301.